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73

1947

# WORLEY'S NURSERIES

YORK SPRINGS, Adams County, Penna.



OUR INSULATED STORAGE

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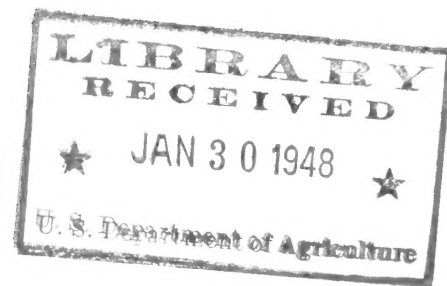
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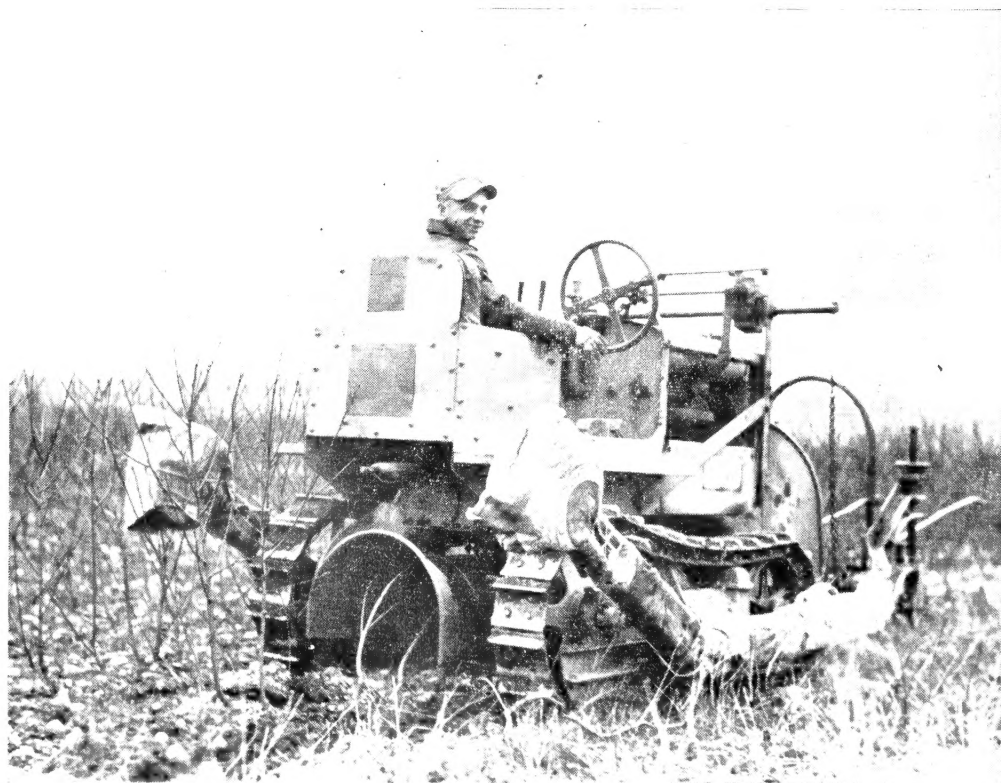


*You Can Buy a Perfect Tree at Worley's Nurseries*

## *Worley's Fruit Trees Are Dug Right*



Notice the size of the roots on these peach trees. Only with the use of a high clearance Caterpillar power digger are you able to get a root system like this without injury to the trees.



# Massachusetts Trueness-To-Name Inspection Service

A service to Nurserymen and fruit growers to promote trueness to name of fruit varieties.

*Sponsored by The Massachusetts Fruit Growers' Association*

## Statement of Inspection for Trueness-to-Name

Amherst, Mass.  
September 12, 1947

TO WHOM IT MAY CONCERN:

This is to state that all of the salable apple, one-year pear, plum and sweet cherry stock now growing in Worley's Nurseries, York Springs, Pennsylvania, have been examined for trueness-to-name by A. P. French, O. C. Roberts, and W. D. Weeks. To the best of our knowledge and belief, these trees are true-to-name as they now stand in the nursery row.

The salable peach trees in this nursery were also examined and any mixtures observed were rectified. While it is impossible to positively identify all peach varieties in the nursery row, it is possible to eliminate a high percentage of the mixtures.

J. K. SHAW



*Melvin Worley and son  
looking over our block  
of Two Year Bartlett  
Pear Trees.*

*A block of our  
True-to-Name  
Peach Trees.*



# PACKING A CAR FOR SHIPMENT



*I oversee all the shipping of our orders whether large or small.*



## WORLEY'S TREES

CHESTER WORLEY  
holding  
two bundles  
of 9/16  
peach trees.



## LIVE LONGER

Trees like these with  
big husky root systems  
quickly adjust them-  
selves and start a vig-  
orous growth.



# *Worley's Nine - Point Policy*

- ★ Whole Root Trees
- ★ Disease Free
- ★ True-To-Name
- ★ First Class Root Stocks
- ★ Accurately Graded
- ★ Carefully Packed
- ★ Most Profitable Varieties
- ★ Reasonable Prices
- ★ Reliable and Trustworthy

Adhering to these principles and our time-honored policy over many years has earned for us and our product a wholesome and widespread reputation. You, too, can be convinced of the worthiness of our stock.



*One Year Apple Trees. The variety above is York Imperial. Picture taken mid-summer.*



# Plant Small Fruits for Extra Cash Income



## STRAWBERRY PLANTS

In order to render our fruit tree customers an additional service we have been purchasing Raspberry and Strawberry plants from the best growers in the country. Due to the fact that we purchase these plants we are unable to guarantee them any further than the reliability of the grower.

	25 Plants	100 Plants	500 Plants	1,000 Plants
<i>Early</i>				
BLAKEMORE .....	\$ .75	\$2.00	\$ 6.75	\$10.50
DORSETT .....	1.15	2.60	8.00	15.50
FAIRFAX .....	1.15	2.60	8.00	15.50
PREMIER .....	1.15	2.60	8.00	15.50
<i>Midseason</i>				
BIG JOE .....	1.15	2.60	8.00	15.50
CATSKILL .....	1.15	2.60	8.00	15.50
<i>Late</i>				
CHESAPEAKE .....	1.20	3.20	10.00	16.00
<i>Everbearing</i>				
MASTODON .....	1.95	6.85	16.00	25.00
GEM .....	1.95	6.85	16.00	25.00

Larger Quantities Write For Prices

No. 1 Grade Only					Inspected Disease Free	
BLACK RASPBERRIES					500	1,000
Cumberland .....	10	25	50	100	\$34.50	\$60.00
New Logan .....	\$1.85	\$3.30	\$5.70	\$ 9.90	39.50	65.00
New Morrison .....	2.00	3.90	6.20	11.00	42.00	70.00
RED RASPBERRIES	2.25	4.10	7.10	12.35		
Latham .....	2.25	4.10	7.10	12.35	43.10	75.00

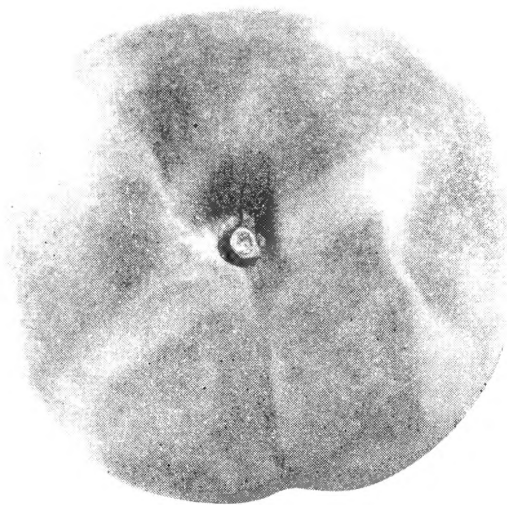
## ASPARAGUS

MARY WASHINGTON—Very strong grower, stock large size, green color, rich and tender. It is rust resistant and a stronger grower than any of the old standards of asparagus.

Extra Select	No. 1	One Year Plants
25	50	100
\$1.30	\$2.15	\$3.40



# Worley's True-To-Name Peaches



**RED HAVEN**—A very early yellow freestone, ripening about one week before Golden Jubilee. The fruit has a brilliant red color, fine flavor, is a fairly good shipper, medium to large in size and almost fuzzless. The tree is very hardy, buds will stand low temperatures, therefore producing a very heavy crop.

**NEWDAY**—A New Jersey introduction that ripens a few days after the Triogem. It is a large yellow fleshed peach which has a very attractive appearance. It is an easy variety to grow, however in some sections it has a slight tendency to stick to the seed.



*This Block of Peach Trees for Sale This Spring*

*Disease  
Free*

## PEACH TREE PRICES

*True to  
Name*

*One of America's Best Paying Crops*

In figuring prices you may combine all varieties of peach trees and take advantage of large quantity rates.

<i>Prices Per Tree</i>	<i>1-9</i>	<i>10-49</i>	<i>50 or More</i>
5-6 ft., 11/16" and up .....	\$1.85	\$1.55	\$1.15
4-5 ft., 9/16" to 11/16" .....	1.45	1.20	.90
3-4 ft., 7/16" to 9/16" .....	1.20	1.00	.75
2-3 ft., 5/16" to 7/16" .....	1.05	.90	.60
2-3 ft. light .....	.85	.70	.45
18 to 24 in. ....	.70	.55	.35

*Write for Prices in Larger Quantities*

# QUINCE TREES

*Very dwarf type trees, that will grow in a small area. Any type of soil will give good results, even lowland.*

## LIST OF VARIETIES

**WAYNE COUNTY ORANGE**—A new variety which is superior to the orange quince. Trees grow about fifteen feet in height and are heavy producers of quality fruit.

**ORANGE**—Large, round shaped quince which is exceptionally well adapted for shipping and cooking.

**CHAMPION**—Fruit is large and somewhat pear shaped. Good quality fruit. The tree is a strong grower, producing a good crop every year.

# APRICOT TREES

**MOHR'S APRICOT**—A large, high quality apricot that originated on the former farm of Frank Mohr, Fogelsville, Pa., from which source we obtained the buds. The tree is a vigorous grower, producing abundant quantities of fruit.

**HAFFER APRICOT**—An apricot found on Mr. Haffer's farm near Chambersburg, Pa. In search of superior varieties, Professor John Ruef, of The Pennsylvania State College, recommended this variety, saying, "the tree stands in a low pocket and never failed to produce a heavy crop of fruit." Very few trees of this variety are available this year. If we are sold out by the time we receive your order, we will ship this variety in the fall of 1947. There is no substitute that will come near this apricot.

**MOORPARK**—Large, orange colored fruit with red cheeks.

**WORLEY'S LARGE PEACH APRICOT**—This is a large apricot originated on our farms. It is very hardy. The fruit is a luscious golden yellow with a red cheek.

## QUINCE AND APRICOT

4-5 ft., Extra Select .....	\$2.20 each
3-4 ft. ....	2.00 each
2-3 ft. ....	1.50 each

## Plant Worley's Grape Vines

Plant Worley's high quality, hardy vines and be sure of the best Grapes. Yield heavy money making crops every year. They often yield during the second season and produce heavy crops the third year.

## LIST OF VARIETIES

Concord—Blue	Catawba—Red	Portland—White
Niagara—White	Delaware—Red	Fredonia—Blue
Extra Select No. 1, One Year Vines .....	each 50c	3 for \$1.35      10 for \$3.60

## BLUEBERRIES

These new and delicious berries will make money for you on any type of acid soil. They grow in big clusters—3,000-5,000 quarts per acre—easy to harvest, thornless. The fruit is most profitable to grow and the plant adds to the beauty of a home planting should you only want a few plants.

Write to the U. S. Department of Agriculture, Washington, D. C., for a free bulletin on Blueberry Culture.

## THREE LEADING VARIETIES

CABOT (Early)	PIONEER (Midseason)	RUBEL (Late)
	<i>Each</i>	<i>3-9</i>
2 Yr. 6-12 in. ....	\$1.25	\$1.05
2 Yr. 12-18 in. ....	1.65	1.40

TEAR HERE

# WORLEY'S NURSERIES

YORK SPRINGS, ADAMS COUNTY, PA.

Make all remittances payable to "WORLEY'S NURSERIES." Send Check, Express or Postoffice Money Order, or Cash in Registered Letter.

Please Ship to \_\_\_\_\_  
If different from Post Office, give name of town or city in which your nearest freight or express office is located.

Name \_\_\_\_\_

Post Office \_\_\_\_\_ State \_\_\_\_\_  
Street and Number \_\_\_\_\_  
or R. F. D. No. \_\_\_\_\_

CHECK WHEN TO SHIP    SPRING ☐    FALL ☐    DATE \_\_\_\_\_

Quantity	Names of Trees or Plants Ordered	Size	Age	Price

NOTE—Early in the season we usually have in stock everything listed in this catalogue but late in the season we frequently run short of some of the varieties, therefore, when you order late please state whether we shall substitute something equally as good and as near like the variety ordered as possible or return your money for any stock we may be out of. Answer \_\_\_\_\_ If no answer is given it is understood we may substitute if necessary.

# Worley's Bud-Selected APPLE TREES

## List of Varieties and Prices

### Summer Varieties

Yellow Transparent  
Lodi (Large Transparent)  
Summer Rambo

### Fall Varieties

Red Gravenstine  
Wealthy  
Smokehouse

### Winter Varieties

Red McIntosh	Delicious
McIntosh	Paradise
Cortland	R. I. Greening
Super Red Jonathan	Red Spy
Jonathan	Northern Spy
Grimes Golden	Super Red York
Opalescent	York Imperial
Winter Banana	Super Red Stayman
Stark	Stayman Winesap
Yellow Delicious	Dbl. Red Rome Beauty
Lehigh Greening	Rome Beauty
Super Red Delicious	

**YORK IMPERIAL**—We grow a strain selected by the C. H. Musselman Co. Orchards from two trees that have never failed to bear fruit year in and year out. We are the only Nursery growing this "Regular Bearing" strain of York Imperial.

**DBL. RED ROME BEAUTY**—A true sport of the old Rome Beauty. It is recognized as one of the best cooking or commercial varieties. Has all the qualities of the old Rome plus the extreme high red color, producing almost 100% extra fancy grade.

**SUPER RED STAYMAN**—Truly a bright red apple. Worley's Super Red Stayman Winesap is like the regular Stayman in every respect except it has a brilliant cherry red color. It will be the leading money maker in the future, just as the Stayman Winesap has been and is today. Buds selected from Trexler Orchards.

**WORLEY'S SMOKEHOUSE**—A large Smokehouse with exceptional color. Buds selected from the Blue Ribbon Orchards.

**SUPER RED JONATHAN**—An apple with the same good qualities as the old Jonathan, plus an attractive bright red color.

**LEHIGH GREENING**—Large green apple, bearing very young and heavily. A fine baking apple. It originated in Lehigh County, Pennsylvania, from which source we obtained the buds.

**SUPER RED DELICIOUS**—From the 53 different bud sports of the Delicious apple, we and the large majority of commercial planters and home consumers, have selected this as the Superior Red Delicious of all. It has solid, brilliant red skin with a tender yellowish flesh, firm, juicy and rich flavor. Good keeper. Trees make thrifty growth and bear young.

**SUPER RED YORK**—The finest of all red York Imperial sports. This apple has a solid bright red color and otherwise it is the same in every respect as the old original York Imperial that originated in York County.

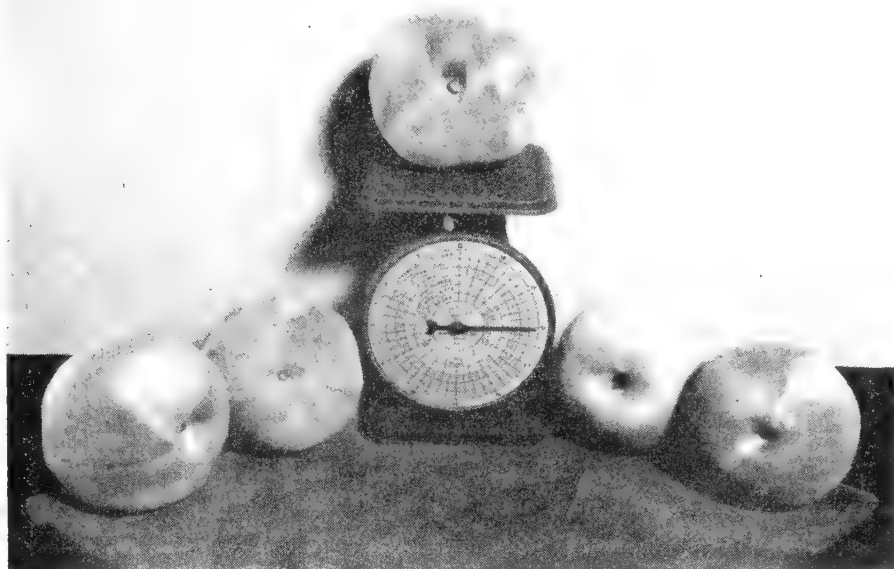
## APPLE TREE PRICES

### The Following Prices Are Per Tree

In figuring prices you may combine all varieties of apple trees to get advantage of larger quantity price rates.

	1-9	10-49	50 or More
2 yr., 5 to 6 ft., 11/16" up .....	\$1.85	\$1.55	\$1.15
2 yr., 4 to 5 ft., 9/16" to 11/16" .....	1.45	1.20	.90
2 yr., 3 to 4 ft., 7/16" to 9/16" .....	1.20	1.00	.75
1 yr., 5 to 6 ft. ....	1.85	1.55	1.15
1 yr., 4 to 5 ft. ....	1.45	1.20	.90
1 yr., 3 to 4 ft. ....	1.20	1.00	.75
1 yr., 2 to 3 ft. ....	1.05	.90	.60

# PEACH TREES



## *Shipper's Late Red*

### *Varieties Listed in Order of Ripening*

<i>Early Varieties</i>		<i>Medium Late Varieties</i>	<i>Late Varieties</i>
Greensboro	Hale-Haven	Afterglow (N. J. 84)	Iron Mountain
Red Haven	South Haven	Shipper's Late Red	Salberta
Cumberland	Hiley	Gage Elberta	Heath Cling
Golden Jubilee	Golden East (N. J. 87)	Brackett	Salway
Triogen (N. J. 70)	Champion	Late Elberta	Lizzie
Rochester	Early Elberta	Late Brackett	Ford's Late
	Summer Crest (N. J. 94)	Roberta	Fox Seedling
	Belle of Georgia	McAllister	Stevens Rare Ripe
	Redskin		
<i>Mid-Season Varieties</i>	Elberta		
Newday (N. J. 79)	J. H. Hale		
Sunhigh (N. J. 82)			

**TRIOGEN (N. J. 70)**—Deep red, highly colored. Yellow freestone peach. Ripens just before Hale-Haven, colors up and stays firm on tree for a week.

**SUNHIGH (N. J. 82)**—Large smooth bright red peach coloring all over. Flesh has a tendency to adhere to pit when hard ripe. But due to the hardness of the tree bearing large crops annually, it is becoming a very important variety.

**HALE-HAVEN**—A cross between Hale and South Haven. Yellow freestone. Heavy bearer. Large high red color. An excellent shipper.

**GOLD-EAST (N. J. 87)**—Large highly colored yellow freestone. Ripens right after Golden Jubilee. Colors up early.

**SUMMER CREST (N. J. 94)**—Large yellow freestone. Gets red all over. World's highest colored peach. Excellent flavor. Ripens just before Elberta.

**ELBERTA**—Most undoubtedly the king of all peaches. It has stood the test of time as one of the best producers of high quality fruit of good size and good shipping quality and is an excellent canner. It will produce a good crop over a large variety of soils, and a greater variety of climates than any other peach. This is the original Elberta.

**J. H. HALE**—When you plant Worley's strain of Hale, you are getting the best. We have spent years in obtaining this strain of Hale and it is superior to all others. The skin is deep crimson yellow, smooth and fuzzless. For best results, plant some other variety with it.

**SHIPPER'S LATE RED**—Fine yellow freestone. Large size and good bearer. Ripens about September 1. Bigger and better than Hale in flavor and color, and it is not susceptible to brown rot.

# Cherry Trees That Excel

*All Worley's  
sweet cherries  
are grown on  
Mazzard rootstocks.  
The only kind  
to plant.*



Cherry trees will not thrive on flat or wet land. The soil must be dry. It might be light sand or clay loam, or any soil between these. The only stipulation is dryness.

Also another important fact about cherry trees is the rootstock; namely, the Mazzard and Mahaleb. The Mazzard is the old type rootstock that your father and grandfather would graft. These are natural sweet cherry roots and live over a long period. The other is the Mahaleb, the imported sour cherry root. This rootstock is standard for sour cherries but when sweet cherry varieties are budded on this root they usually have a shorter life than when budded on the Mazzard rootstock.

## THE TEN LEADING VARIETIES

Black Tartarian  
Governor Wood

Seneca  
Napoleon  
Bing

Schmidts Bigaireau  
Oxheart  
Windsor

Lambert  
Yellow Spanish

<i>Prices Per Tree (1 and 2 yr.)</i>		<i>1-9</i>	<i>10-49</i>
5-6 ft., 11/16"	.....	\$2.60	\$2.20
4-5 ft., 9/16" to 11/16"	.....	2.25	1.85
3-4 ft., 7/16" to 9/16"	.....	1.85	1.55
Extra Large Size	.....	3.00	

## SOUR CHERRY TREES

### *Worley's Selected Strain of Montmorency*

All the buds for our Montmorency are cut off the Sunset Orchards, owned and operated by the C. H. Musselman Co. During the fruiting season Professor Ruef of The Pennsylvania State College and Glenn Slaybaugh, manager of the Musselman Orchards, along with other men from our state experiment station, select the most productive trees in the orchard and mark and test them for ring spot. Ring spot is a disease known to few orchardmen, that causes the fruit buds to develop farther apart on the tree, thereby causing a reduction in your cherry crop before planting the tree. The only way to be sure of getting ring spot free trees is by testing the trees in the orchard and then obtaining budwood from those trees only. This process of selection has been carried on for approximately ten years and we venture to say that our Musselman strain of Montmorency sour cherries is superior to all others.

<i>Prices Per Tree One and Two Year</i>		<i>1-9</i>	<i>10-49</i>	<i>50 or More</i>
4 to 6 ft., 11/16" cal.	.....	\$2.25	\$1.85	\$1.30
3 to 4 ft., 9/16" to 11/16" cal.	.....	1.95	1.65	1.10
2 to 3 ft., 7/16" to 9/16" cal.	.....	1.75	1.45	1.00
1½ to 3 ft., 5/16" to 7/16" cal.	.....	1.50	1.25	.90

# PEAR TREES

## List of Standard Varieties

**BARTLETT**—Heavy producer. The old standard variety, and one of the finest dessert and eating pears. Deep golden yellow with a red cheek.

**CLAPPS FAVORITE**—Trees are hardy and do well everywhere. Pear has a long neck, yellow spotted and dull red. Fine grained, very sweet and highly flavored, yielding heavy regularly.

**KIEFFER**—Hardest, best keeping, most blight resistant of all pears. Large yellow pear of fine quality; the crisp flesh has a delicious musky aroma which makes it a favorite for canning.

**SECKEL**—Rich, spicy, tender little sugar pear. Russet yellow with firm flesh. Hardy and blight resistant trees, vigorous and bears very late.

**WORDEN SECKEL**—It is a very large type of the old-fashioned seckel, ripening in October.

**WAITE PEAR**—It is about the same size as Bartlett, ripening before the Kieffer. The flesh is very smooth and has a tartish flavor. It is an excellent pear for canning. The tree is very blight resistant, but does require cross pollination.

**SHELDON**—A very vigorous growing tree, producing fruit that is very sweet and high in quality.

# PLUM TREES

**ABUNDANCE**—A very healthy tree that bears young fruit. It is medium sized, bright red with a light yellow, juicy, tender flesh.

**BURBANK**—Hardy, high yielding plum. A large size cherry red fruit. It has a firm sweet meaty flesh. The fine flavor of this plum makes it a favorite for canning and marketing.

**FELLENBURG** (Italian Prune)—Dark purple with a bluish bloom. The flesh is firm, juicy and has a delicious flavor. It is a favorite for canning and drying prunes grown at home.

**WICKSON**—Has a long fruit ripening period; variable in size; extra large fruit; color dark red over yellow. The flesh is yellow to amber, juicy, coarse somewhat fibrous, firm sweet, early mid-season.

**STANLEY PURE**—Newest and most profitable commercial and home orchard variety. A very heavy bearer of large, blue full flavored fruit. When canned the flesh keeps its rich golden color.

**SHIRO**—Extra large handsome yellow plum. Sweet juicy, tender fleshed plum, that produces heavy crops in late August.

**SANTA ROSA**—Fruit is large, round, purplish red; flesh is red near the skin. Very high quality, early plum. The tree is a vigorous grower and bears heavily.

# NECTARINE TREES

The Nectarine is a smooth skinned peach, having a skin like the plum; however, it is not a cross between a plum and peach which is generally the foregone conclusion. The fruits are very delicious for eating and will sell fast at a roadside market.

**SURE CROP**—White fleshed freestone. Large with an attractive bright red skin, with an excellent flavor. The tree is hardy and a very vigorous grower.

**HUNTER**—Yellow fleshed freestone. The fruit is large, round, and high in quality. The tree is hardy and a vigorous grower.

## PEAR, PLUM AND NECTARINE TREES

(1 and 2 Year Trees)

Prices Per Tree		1-9	10-49	50 or More
5 to 6 ft., 11/16 in. cal. and up	_____	\$2.20	\$1.80	\$1.30
4 to 5 ft., 9/16 to 11/16 in. cal.	_____	1.90	1.60	1.10
3 to 4 ft., 7/16 to 9/16 in. cal.	_____	1.70	1.40	.95
2 to 3 ft., 5/16 to 7/16 in. cal.	_____	1.45	1.20	.85



# NOTICE

The greatest of care is taken to have all trees, etc., true to label. Any proving not so will be replaced upon proper proof. It is mutually agreed between us and purchaser that in no case shall our maximum responsibility exceed the original amount paid.

**ORDER EARLY.** To avoid the usual rush at shipping time, place your order early as it enables us to save for you the varieties ordered, and you are assured of getting varieties wanted.

**LAST BUT NOT LEAST.** Prepare your land as early as possible and have stock on hand to set when planting time comes. Ninety-nine out of a hundred early plantings will prove successful if well planted and cultivated.

All packing will be done in boxes or bales, thus protecting the roots and trees in shipping. No extra charge is made for packing.

All shipments are delivered to shipping point, Dillsburg, Pa., without additional charge.

The Spring shipment of nursery stock begins about March 15 to April 1 and Fall shipments about November 15, depending on the season.

**TERMS:** Cash with order or a 25% deposit required with the order, balance due ten days before delivery. We will ship C. O. D. on request, buyer to pay C. O. D. charges. We cannot accept C. O. D. orders without a 25% deposit.

**OUR GUARANTEE** We guarantee every tree to be as represented in grade and quality and if on arrival you do not find our trees to be exactly as we say they are, return them to us securely packed and in good condition within five days and we will return your money immediately. We give no guarantee as to growth. However, we will not ignore your complaints.

## CERTIFICATE OF NURSERY INSPECTION

COMMONWEALTH OF PENNSYLVANIA

*Department of Agriculture*

*Nursery Certificate No. 80 (Resident)*

This is to certify that the Nursery Premises of Worley's Nurseries, Chester B. Worley, Prop., R. 1, York Springs, Pa., including 25.0 acres of stock have been officially inspected and passed in accordance with the provisions of the Act of April 21, 1937, P. L. 318. Permission is hereby granted this nursery to sell, deliver or transport nursery stock, not including bramble plants, which has been officially inspected for the year ending September 30, 1948; provided that a tag on which an exact copy of this certificate is printed must be attached to each package, box, bale, truckload or carload lot sold or delivered.

This certificate does not cover the requirements of any special quarantine or regulation promulgated by the Commonwealth or by the United States Department of Agriculture. Furthermore, this certificate does not apply to trees obtained from the Commonwealth of Pennsylvania or uninspected nursery stock from any source. A special certificate for the grower of bramble plants is required. Issued at the State Capitol, Harrisburg, Pa., July 1, 1947.

T. L. GUYTON, *Director, Bureau of Plant Industry.*

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Will you do us a favor? When you send in your order, write below the names of a few people whom you think would like to receive our catalogue. Maybe we can return the favor.

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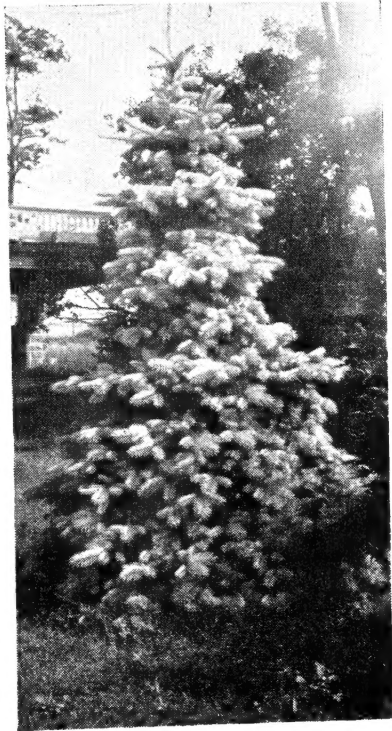
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# BEAUTIFY YOUR HOME GROUNDS

with

## Worley's Flowering Shrubs, Roses, Evergreens and Shade Trees



### DON'T FORGET

You make no investment equal to that of Quality Nursery Stock. No other outlay of money will bring as great returns, because each year the value of your home will be greatly increased. The outside furnishings of your home is of equal importance to the inside to make your home your source of Health and Happiness.

We will gladly furnish you information and prices on landscaping for Shade Trees, Shrubs and Evergreens.

### EVERGREEN SEEDLINGS

These are small evergreens, approximately 3 to 5 inches in height, shipped to you securely packed in moss. Varieties available are Norway Spruce, Colorado Blue Spruce, Improved Blue Spruce, White Pine and Douglas Fir. Price ..... \$1.00 per ten

### SHADE TREES

Norway Maple, Schwedler Maple, Chinese Elm. Price, 6-8 ft. .... \$3.75 each

### HELPFUL INFORMATION

#### ON DISTANCES TO PLANT NUMBER OF PLANTS PER ACRE

Kind of Plant	Distance Apart	No. of Plants Per Acre
Apples	40 feet apart each way	27
Peaches	20 feet apart each way	108
Plums	20 feet apart each way	108
Pears	20 feet apart each way	108
Apricots	18 feet apart each way	134
Cherries (Sweet)	25 feet apart each way	69
Cherries (Sour)	20 feet apart each way	108
Quinces	12 feet apart each way	302
Raspberries	Rows 7 ft. apart—4 ft. apart in row	1,556
Grapes	8 feet apart each way	680
Asparagus	Rows 5 ft. apart—2 ft. apart in row	4,356
Blueberries	Rows 8 ft. apart—4 ft. apart in row	1,330

To estimate the number of plants required for an acre, at any given distance, multiply the distance between rows by the distance between the plants, which will give the number of square feet allotted to each plant and divide number of square feet in an acre (43,560) by this number. The quotient will be the number of plants required.

### GENERAL PLANTING DIRECTIONS

**CARE OF STOCK ON ARRIVAL**—All stock should be planted immediately on arrival, but if not convenient to do so, open bundle and heel roots in ground, covering them thoroughly.

**PLANTING**—Dig holes twice the size necessary to take in all the roots; throw out top soil to one side, and use it for filling around the roots; tread the earth hard after planting. The use of water around the roots when filling in the earth depends on the moisture condition of the ground. If dry, use plenty of water. After planting and during the summer sufficient water should be used to keep the earth moist.

**PRUNING**—The limbs of all fruit and ornamental trees, shrubs and roses should be cut back two-thirds when planted. Remove all surplus branches from trees, leaving say three main stems as a basis for head. Always prune to an outside bud, insuring outward growth. Peach trees should be pruned to a whip and a head established second year, either high or low as preferred. All roots should be pruned smoothly before planting, cutting off the ends where bruised by digging and shortening others. This is as important as pruning the top.

**MULCHING**—Mulching is a most necessary factor in successful planting. Cover a space around the tree or shrub to a distance of three feet, using coarse manure, lawn clippings or grass is effective for this purpose if manure cannot be secured. The mulching retains moisture, retards the growth of weeds and facilitates quick growth. When straw or manure is left on the ground all winter, clear a space of fifteen inches around the tree to avoid damage from mice.

**DRAINAGE**—Your time and money is wasted if you plant on undrained soil. All hollows should be avoided when selecting positions for planting.

**STAKING**—Every tree should be thoroughly staked and tied with some soft material. Constant motion of the wind kills more newly planted trees than any other cause. They cannot make root or fibre unless they are perfectly stationary.

**LABELS**—Labels should be removed and some other method adopted for recording varieties. The wires will cut and damage the limbs.

**CULTIVATION**—Hoe or cultivate frequently. Nothing can thrive if the weeds are allowed to sap the life of the soil.

